

**IN THE CLAIMS:**

**Please amend the presently pending claims so as to read as follows:**

1. (Currently Amended) A system comprising a sever and a plurality of networks that are separately connected to said server;  
wherein each said network includes  
a at least one mobile terminal primarily assigned to said network as its home network that receives preselected data from said server and outputs the received preselected data, said at least one mobile terminal being movable from its primarily assigned network to another of said plurality of networks,  
a communication device that sends said preselected data received from said server to said mobile terminals located within a range of communication of said communication device wirelessly, and  
a detection device that detects any said mobile terminals present within a said range of communication of said communication device ~~communicable with said communication device, said mobile terminal moving between said plurality of networks, and said mobile terminal having a primary assigned network set as its home network;~~ and

wherein said server includes

a communication circuit that communicates with the communication device and the detection device included in each said network,

a storage circuit ~~that is connected to said communication circuit and that stores,~~ said storage circuit storing in the form of a management table including, for each said mobile terminal, (i) information specifying the network in which said the mobile terminal is currently located that is determined based on information received from said detection device and (ii) prestored information specifying the home network of the mobile terminal, and

a control circuit ~~that is connected to said communication circuit and to said storage circuit and that receives ,~~ said control circuit being adapted to receive data and information indicating the a specified one of said at least one mobile terminal as a the destination of the data, and to controls, based on the received information indicating the mobile terminal as the destination of the data and the information stored in the management table, such that said communication circuit such that it sends said received data to said the specified one of said at least one mobile terminal as the destination thereof based on the information concerning the specified one of said at least one mobile terminal contained in said management table.

2. (Currently Amended) The network system according to claim 1,  
wherein the detection device includes

- a first transmission circuit that transmits inquiry  
information ~~to said mobile terminal to inquire~~  
concerning whether it any mobile terminal is located  
within the communication range of communicable  
~~with~~ said communication device,
- a receiving circuit that receives in-zone information ~~that is~~  
transmitted output by mobile terminals present  
within the communication range of the  
communication device in response to said inquiry  
information ~~by said mobile terminal that is present~~  
~~within the range communicable with said~~  
~~communication device~~, and
- a second transmission circuit ~~that is~~ connected to said  
receiving circuit ~~and~~ that transmits to said server,  
first identification information specifying said the  
ones of said at least one mobile terminal that  
transmitted said in-zone information and second  
identification information specifying the network in  
which said detection device is included,

wherein said storage circuit includes a circuit ~~that stores a~~ storing  
a management table including, for each mobile  
terminal identified by the first identification  
information, ~~the~~ said second identification  
information ~~received~~ and ~~the~~ said prestored  
information specifying ~~said~~ the home network of each  
mobile terminal present within the communication  
range of the communication device;

wherein said data and information indicating ~~the~~ a specified one of  
the at least one mobile terminal as the destination of  
the data is represented by in the first identification  
information,

and wherein said control circuit includes

a circuit that reads from said management table the  
second identification information  
corresponding to the first identification  
information ~~received with said data;~~

a circuit that compares the read second identification  
information and the prestored information  
specifying the home network, and

a circuit that controls, ~~when the read second~~  
~~identification information and the information~~  
~~specifying said home network differ from each~~  
~~other, such that said communication circuit~~  
so as to sends said received data to the  
communication device in the network  
identified by the second identification  
information when the read second  
identification information and the information  
specifying the home network differ from one  
another.

3. (Currently Amended) The network system according to claim 1, wherein  
said sever further includes a connection circuit that connects to  
another network, and  
said sever receives said data and the information indicating the  
specified one of the at least one mobile terminal as the  
destination of the data from a device connected to ~~said~~  
another network.
4. (Currently Amended) The network system according to claim 3, wherein said  
another network is the Internet, and said connection circuit  
includes a circuit that connects to the ~~said~~ Internet via a public  
network.

5. (Currently Amended) A system comprising a server and a plurality of networks that are separately connected to said server,  
wherein each said network includes  
a at least one mobile terminal primarily assigned to said network as its home network that receives preselected data from said server and outputs the received preselected data,  
said at least one mobile terminal being movable from is primarily assigned network to another of said plurality of networks,  
a communication device that sends said preselected data received from said server to said mobile terminals located within a range of communication of said communication device wirelessly, and  
a detection device that detects any said mobile terminals present within a said range of communication of said communication device  
~~communicable with said communication device, said mobile terminal moving between said plurality of networks, and said mobile terminal having a primary assigned network set as its home network,~~ and  
wherein said server includes  
communication means for communicating with the communication device and the detection device included in each said network,

storage means, connected to said communication

means, for storing in the form of a  
management table ~~including~~, for each said  
mobile terminal, (i) information specifying the  
network in which ~~said the~~ mobile terminal is  
currently located ~~that is determined~~ based on  
information received from said detection  
device and (ii) prestored information specifying  
said the home network of the mobile terminal,  
and

control means, connected to said communication

means and to said storage means, for  
receiving data and information indicating ~~the~~  
a specified one of said at least one mobile  
terminal as the a destination of the data, and  
for controlling, ~~based on the received~~  
~~information indicating the mobile terminal as~~  
~~the destination of the data and the~~  
~~information stored in said management table,~~  
~~such that~~ said communication means such  
that it sends said received data to said the  
specified one of the at least one mobile  
terminal ~~as the destination thereof~~ based on  
the information concerning the specified one  
of the at least one mobile terminal contained  
in said management table.

6. (Currently Amended) The network system according to claim 5,  
wherein said detection device includes
- first transmission means for transmitting inquiry  
information ~~to said mobile terminal to inquire~~  
concerning whether it any mobile terminal is located  
within the communication range of ~~communicable~~  
with said communication device,
- receiving means for receiving in-zone information ~~that is~~  
transmitted output by mobile terminals present  
within the communication range of the  
communication device in response to said inquiry  
information ~~by said mobile terminal that is present~~  
~~within the range communicable with said~~  
~~communication device~~, and
- second transmission means, connected to said receiving  
means, for transmitting to said server, first  
identification information specifying said the ones of  
the at least one mobile terminal that transmitted  
said in-zone information and second identification  
information specifying the network in which said  
detection device is included,

wherein said storage means includes means for storing a management table including, for each mobile terminal identified by the first identification information, ~~said the~~ second identification information ~~received~~ and the ~~said~~ prestored information specifying ~~said the~~ home network of each mobile terminal present within the communication range of the communication device;

wherein ~~said data and~~ information indicating ~~the~~ a specified one of said at least one mobile terminal as the destination of the data is represented by in the first identification information, and

wherein said control means includes

means for reading from said management table the second identification information corresponding to the first identification information received ~~with said data,~~

means for comparing the read second identification information and the prestored information specifying said home network, and

means for controlling, ~~when the read second identification information and the information specifying said home network differs from each other,~~ such that said communication means ~~sends~~ so as to send said received data to the communication device in the network identified by the read second identification information when the read second information and the information specifying the home network differ from one another.

7. (Currently Amended) The network system according to claim 5, wherein said server further includes connection means for connecting to another network, and said server receives said data and the information indicating the specified one of the at least one mobile terminal as the destination of the data from a device connected to said another network.
8. (Currently Amended) The network according to claim 7, where said another network is the Internet, and said connection means includes means for connecting to said Internet via a public network.
9. (Currently Amended) A server for use in a system including the server and a plurality of networks that are separately connected to said server, wherein each said network includes a at least one mobile terminal primarily assigned to said network as its home network that receives preselected data from said server and outputs the received preselected data, said at least one mobile terminal being movable from its primarily assigned network to another of said plurality of networks, a communication device that sends said preselected data received from said server to said mobile terminals located within a range of communication of said communication device wirelessly, and

a detection device that detects any ~~said~~ mobile terminals present within a the range of communication of said communication device ~~communicable with said communication device, said mobile terminal moving between said plurality of networks, and said mobile terminal having a primary assigned network as its home network,~~

said server comprising:

a communication circuit that communicates with the communication device and the detection device included in each said network;

a storage circuit that is connected to said communication circuit ~~and that stores, said storage circuit storing in the form of a management table including,~~ for each said mobile terminal, (i) information specifying the network in which said the mobile terminal is currently located that is determined based on information received from said detection device and (ii) prestored information specifying said the home network of the mobile terminal; and

a control circuit ~~that is~~ connected to said communication circuit and to said storage circuit ~~and that receives~~, said control circuit being adapted to receive data and information indicating the a specified one of said at least one mobile terminal as a the destination of the data, and to controls, based on the received information indicating the mobile terminal as the destination of the data and the information stored in the management table, such that said communication circuit such that it sends said received data to said the specified one of the at least one mobile terminal as the destination thereof based on the information concerning the specified one of the at least one mobile terminal contained in said management table.

10. (Currently Amended) The server according to claim 9,  
wherein said detection device includes  
a first transmission circuit that transmits inquiry information ~~to said mobile terminal to inquire~~ concerning whether it any mobile terminal is located within the communication range of communicable with said communication device,  
a receiving circuit that receives in-zone information ~~that is transmitted output by mobile terminals present within the communication range of the communication device in response to said inquiry information by said mobile terminal that is present within the range communicable with said communication device, and~~

a second transmission circuit ~~that is~~ connected to said receiving circuit ~~and~~ that transmits to said server, first identification information specifying ~~said~~ the ones of said at least one mobile terminal that transmitted in-zone information and second identification information specifying the network in which said detection device is included,

wherein said storage circuit includes a circuit ~~that stores~~ storing a management table including, for each mobile terminal identified by the first identification information, ~~the~~ said second identification information received and ~~the~~ said prestored information specifying ~~said~~ the home network of each mobile terminal present within the communication range of the communication device,

wherein said data and information indicating ~~the~~ a specified one of the at least one mobile terminal as the destination of the data is represented by in the first identification information, and

wherein said control circuit includes

a circuit that reads from said management table the second identification information corresponding to the first identification information ~~received with said data,~~  
a circuit that compares the read second identification information and the prestored information specifying the home network, and

a circuit that controls, ~~when the read second identification information and the information specifying said home network differs from each other, such that said communication circuit so as to~~ sends said received data to the communication device in the network identified by the read second identification information when the read second identification information and the information specifying the home network differ from one another.

11. (Currently Amended) The server according to claim 9, further comprising a connection circuit that connects to another network, wherein said server receives said data and the information indicating the specified one of the at least one mobile terminal as the destination of the data from a device connected to said another network.

12. (Currently Amended) The server according to claim 11, wherein said another network is the Internet, and said connection circuit includes a circuit that connects to ~~said the~~ Internet via a public network.

13. (Currently Amended) A server for use in a system including a server and a plurality of networks that are separately connected to said server, wherein each said network includes a at least one mobile terminal primarily assigned to said network as its home network that receives preselected data from said server and outputs the received preselected data, said at least one mobile terminal being movable from its primarily assigned network to another of said plurality of networks, a communication device that sends said preselected data received from said server to said mobile terminals located within a range of communication of the communication device wirelessly, and a detection device that detects any said mobile terminals present within a said range of communication of said communication device ~~communicable with said communication device, said mobile terminal moving between said plurality of networks, and said mobile terminal having a primary assigned network as its home network,~~ said server comprising:

communication means for communicating with the communication device and the detection device included in each said network;

storage means, connected to said

communication means, for storing in the form of a management table including, for each said mobile terminal, (i) information specifying the network in which said the mobile terminal is currently located that is determined based on information received from said detection device and (ii) prestored information specifying said the home network of the mobile terminal;  
and

control means, connected to said communication

means and to said storage means, for receiving data and information indicating the a specified one of said at least one mobile terminal as a the destination of the data, and for controlling, based on the received information indicating the mobile terminal as the destination of the data and the information stored in the management table, such that said communication means such that it sends said received data to said the specified one of said at least one mobile terminal as the destination thereof based on the information concerning the specified one of said at least one mobile terminal contained in said management table.

14. (Currently Amended) The server according to claim 13,  
wherein said detection device includes  
first transmission means for transmitting inquiry information to  
~~said mobile terminal to inquire~~ concerning whether it any mobile  
terminal is located within the communication range of  
~~communicable with~~ said communication device,  
receiving means for receiving in-zone information ~~that is~~  
~~transmitted~~ output by mobile terminals present within the  
communication range of the communication device in response to  
said inquiry information ~~by said mobile terminal that is present~~  
~~within the range communicable with said communication device,~~  
and second transmission means, connected to said receiving  
means, for transmitting to said server, first identification  
information specifying said the ones of said at least one mobile  
terminal that transmitted in-zone information and second  
identification information specifying the network in which said  
detection device is included,  
wherein said storage means includes means for storing a  
management table including, for each mobile terminal  
identified by the first identification information, the said  
second identification information received and the said  
prestored information specifying ~~said~~ the home network of  
each mobile terminal present within the communication  
range of the communication device,

wherein said data and information indicating the a specified one of  
said at least one mobile terminal as the  
destination of the data is represented by in the first  
identification information, and  
wherein said control means includes  
means for reading from said management table the second  
identification information corresponding to the first  
identification information ~~received with said data,~~  
means for comparing the read second identification  
information and the prestored information specifying  
the home network, and  
means for controlling, ~~when the read second identification~~  
~~information and the information specifying the home~~  
~~network differs from each other, such that said~~  
communication means so as to sends said received  
data to the communication device in the network  
identified by the read second identification  
information when the read second identification  
information and the information specifying the home  
network differ from on another.

15. (Currently Amended) The server according to claim 13, further comprising  
connection means for connecting to another network, and  
said server receives said data and the information indicating the  
specified one of the at least one mobile terminal as the  
destination of the data from a device connected to said  
another network.

16. (Currently Amended) The server according to claim 15, wherein said another network is the Internet, and  
said connection means includes means for connecting to  
~~said~~ the Internet via a public network.

17. (Currently Amended) A communication method of a server in a system including the server and a plurality of networks that are separately connected to said server,  
wherein each said network includes  
a at least one mobile terminal primarily assigned to said network that receives preselected data from said server and outputs the received preselected data, said at least one mobile terminal being movable from its primarily assigned network to another of said plurality of networks,  
a communication device that sends said preselected data received from said server to said mobile terminals located within a range of communication of said communication device wirelessly, and  
a detection device that detects any ~~said~~ mobile terminals present located within a said range communicable of communication of with said communication device,  
~~said mobile terminal moving between said plurality of networks, and said mobile terminal having a primary assigned network as its home network,~~

said communication method comprising the steps of:

storing in the form of a management table including,  
for each said mobile terminal, (i) information  
specifying the network in which ~~said the~~  
mobile terminal is currently located ~~that is~~  
~~determined~~ based on information received  
from said detection device and (ii) prestored  
information specifying said home network of  
the mobile terminal; and

receiving data and information indicating ~~the~~ a  
specified one of said at least one mobile  
terminal as a the destination of the data, and,  
~~based on the received information indicating~~  
~~the mobile terminal as the destination of the~~  
~~data and the information stored in the~~  
management table, sending said received data  
to ~~said the~~ specified one of said at least one  
mobile terminal as the destination thereof.

18. (Currently Amended) The communication method according to claim 17,  
wherein said detection device includes

a first transmission circuit that transmits inquiry  
information to ~~said mobile terminal to inquire~~  
concerning whether it any mobile terminal is located  
within the communication range of communicable  
with said communication device,

a receiving circuit that receives in-zone information ~~that is~~  
transmitted output by mobile terminals present  
within the communication range of the  
communication device in response to said inquiry  
information ~~by said mobile terminal that is present~~  
~~within the range communicable with said~~  
~~communication device, and~~

a second transmission circuit ~~that is~~ connected to said  
receiving circuit ~~and~~ that transmits to said server,  
first identification information specifying said the  
ones of said at least one mobile terminal that  
transmitted said in-zone information and second  
identification information specifying the network in  
which said detection device is included,

wherein said step of storing the management table includes the  
step of storing a management table including, for  
each mobile terminal identified by the first  
identification information, the said second  
identification information received and the said  
prestored information specifying ~~said~~ the home  
network of each mobile terminal present within the  
communication range of the communication device,

wherein said data and information indicating the a specified one of  
said at least one mobile terminal as the destination of the  
data is represented by in the first identification information,  
and

wherein said step of sending said received data to said specified  
one of said at least one mobile

terminal as the destination thereof includes the steps of  
reading from said management table the second  
information corresponding to the first  
identification information ~~received with said~~  
data,

comparing the read second identification  
information and the prestored information  
specifying the home network, and

~~when the read second identification information and~~  
~~the information specifying the home network~~  
~~differs from each other,~~ sending said received  
data to the communication device in the  
network identified by the read second  
identification information when the read  
second identification information and the  
information specifying the home network differ  
from one another.

19. (Currently Amended) The communication method according to claim 19, wherein said server is connected to another network and said server receives said data and the information indicating the specified one of the at least one mobile terminal as the destination of the data from a device connected to said another network.

20. (Currently Amended) The communication method according to claim 19, wherein said another network is the Internet, and said server is connected to ~~said~~ the Internet via a public network.

21. (Currently Amended) A computer readable recording medium for use in recording a program for implementing a communication method of a server in a system including a server and a plurality of networks separately connected to said server, wherein each said network includes a at least one mobile terminal primarily associated with said network as its home network that receives preselected data from said server and outputs the received preselected data, said at least one mobile terminal being movable from its primarily assigned network to another of said plurality of networks, a communication device that sends said preselected data received from said server to said mobile terminals located within a range of communication of said communication device wirelessly, and

a detection device that detects any said mobile terminals present within a said range ~~communicable with of~~ communication of said communication device, ~~said mobile terminal moving between said plurality of networks, and~~ ~~said mobile terminal having a primary assigned network as its home network,~~

wherein said communication method comprises the steps of:

storing a management table including, for each said mobile terminal, (i) information specifying the network in which said the mobile terminal is currently located that is determined based on information received from said detection device and (ii) prestored information specifying said home network of the mobile terminal; and receiving data and information indicating the a specified one of said at least one mobile terminal as a the destination of the data, and, ~~based on the received information indicating the mobile terminal as the destination of the data and the information stored in the management table,~~ sending said received data to said the specified one of said at least one mobile terminal as the destination thereof based on the information concerning the specified one of said at least one mobile terminal contained in said management table.

22. (Currently Amended) The recording medium according to claim 21,

wherein said detection device includes

a first transmission circuit that transmits inquiry information to  
~~said mobile terminal to inquire~~ concerning whether it any  
mobile terminal is located within the communication range  
of ~~communicable with~~ said communication device,

a receiving circuit that receives in-zone information ~~that is~~  
transmitted output by mobile terminals present within the  
communication range of the communication device in  
response to said inquiry information ~~by said mobile~~  
~~terminal that is present within the range communicable~~  
~~with said communication device,~~ and

a second transmission circuit ~~that is connected to said receiving~~  
~~circuit and~~ that transmits to said server, first identification  
information specifying ~~said~~ the ones of said at least one  
mobile terminal that transmitted said in-zone information  
and second identification information specifying the  
network in which said detection device is included,

wherein said step of storing ~~the~~ a management table includes the  
step of storing a management table including, for each  
mobile terminal identified by the first identification  
information, ~~the~~ said second identification information  
~~received and the~~ said prestored information specifying said  
home network of each mobile terminal present within the  
communication range of the communication device,

wherein said data and information indicating ~~the~~ a specified one of  
said at least one mobile terminal as the destination of the  
data is represented ~~by~~ in the first identification information,  
and

wherein said step of sending said received data to said specified one of said at least one mobile terminal as the destination thereof includes the steps of

reading from said management table the second information corresponding to the first identification information ~~received with said data,~~

comparing the read second identification information and the prestored information specifying the home network, and

~~when the read second identification information and the information specifying the home network differs from each other,~~ sending said received data to the communication device in the network identified by the read second identification information when the read second information and the information specifying the home network differ from one another.

23. (Currently Amended) The recording medium according to claim 21, wherein said server is connected to another network and said server receives said data and the information indicating the specified one of the at least one mobile terminal as the destination of the data from a device connected to said another network.

24. (Currently Amended) The recording medium according to claim 23, wherein  
said another network is the Internet, and  
said connection means includes means for connecting to  
~~said~~ the Internet via a public network.